

Environmental Public Health Tracking Network 101: Overview

**Patrick Wall
Environmental Health Tracking Branch
Division of Environmental Hazards and Health Effects
National Center for Environmental Health, CDC**



How do environmental hazards relate to health effects in America?

Answer = We don't know

- Lack of data
- Lack of tools
- Lack of capacity
- Lack of standards

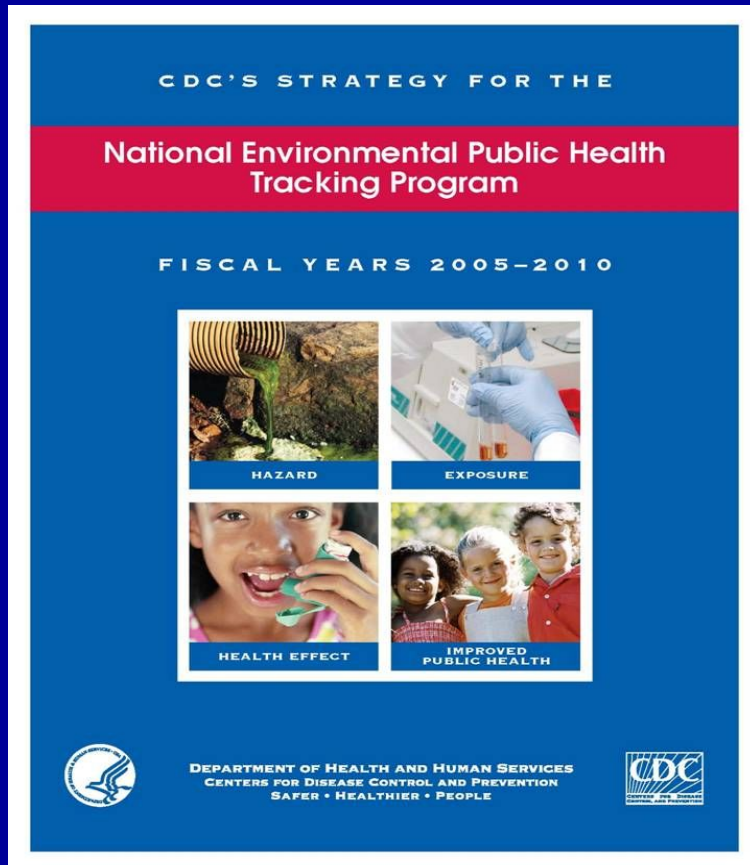
Lack of ability to track and quantify disease burden and prevalence of hazard and exposure

Call to Action

- CDC's National Environmental Public Health Tracking Program initiated in 2002
 - Congressional funding for “*development and implementation of a nationwide environmental health tracking network and capacity development in environmental health at State and local health Departments*”



Our Mission



To provide information from a nationwide network of integrated health and environmental data that drives actions to improve the health of communities

Mission & Goals

To provide information from a nation-wide network of integrated environmental monitoring and public health data systems so that all sectors can take action to prevent and control environmentally related health effects.



Goal #1:
Build a Sustainable, National Environmental Public Health Tracking Network.



Goal #2:
Increase Environmental Public Health "Tracking" Capacity



Goal #3:
Disseminate Credible Information



Goal #4:
Advance Environmental Public Health Science and Research



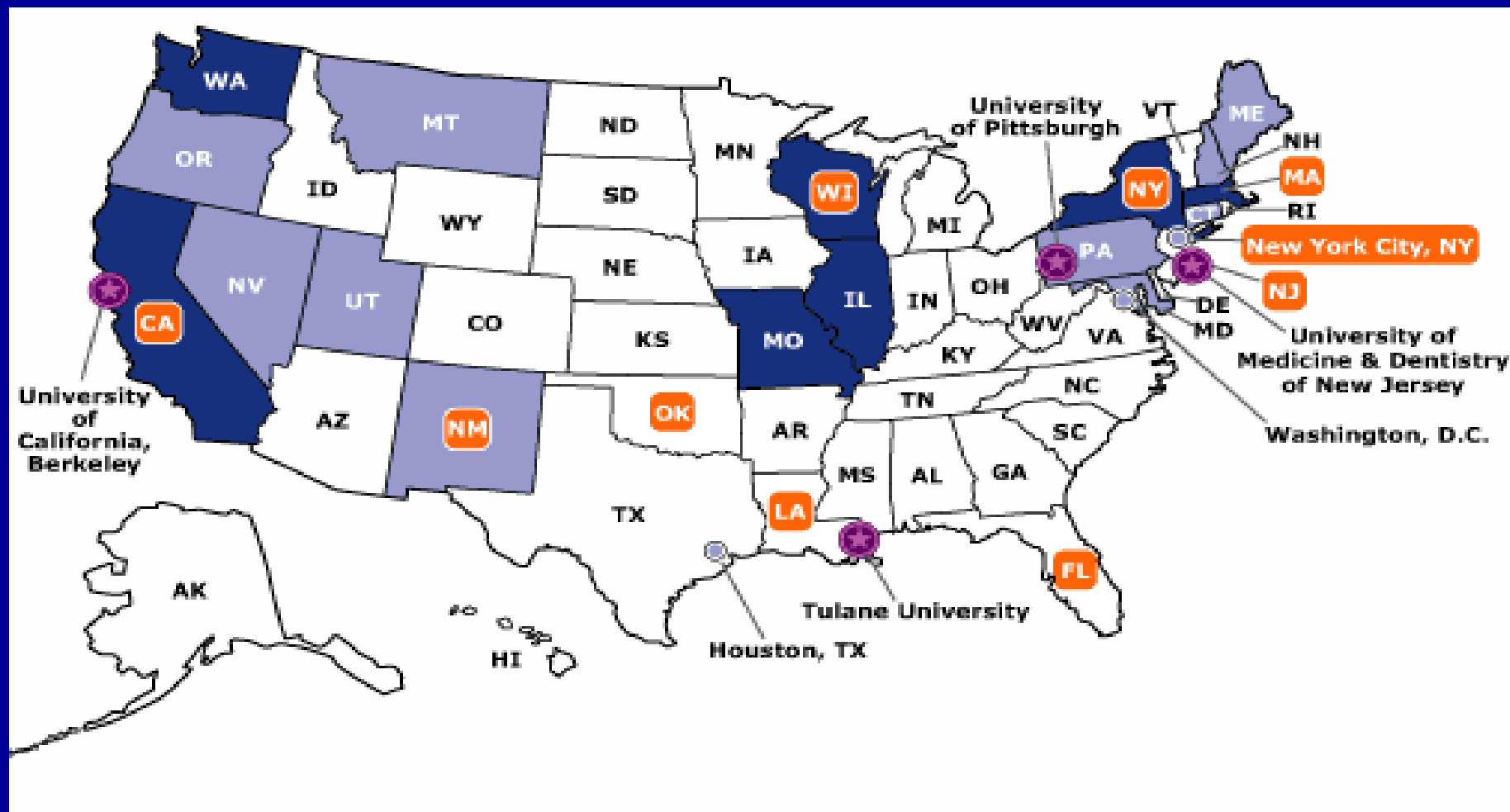
Goal #5:
Bridge the Gap Between Public Health and the Environment

Goal #1:
***Build a Sustainable, National Environmental
Public Health Tracking Network.***

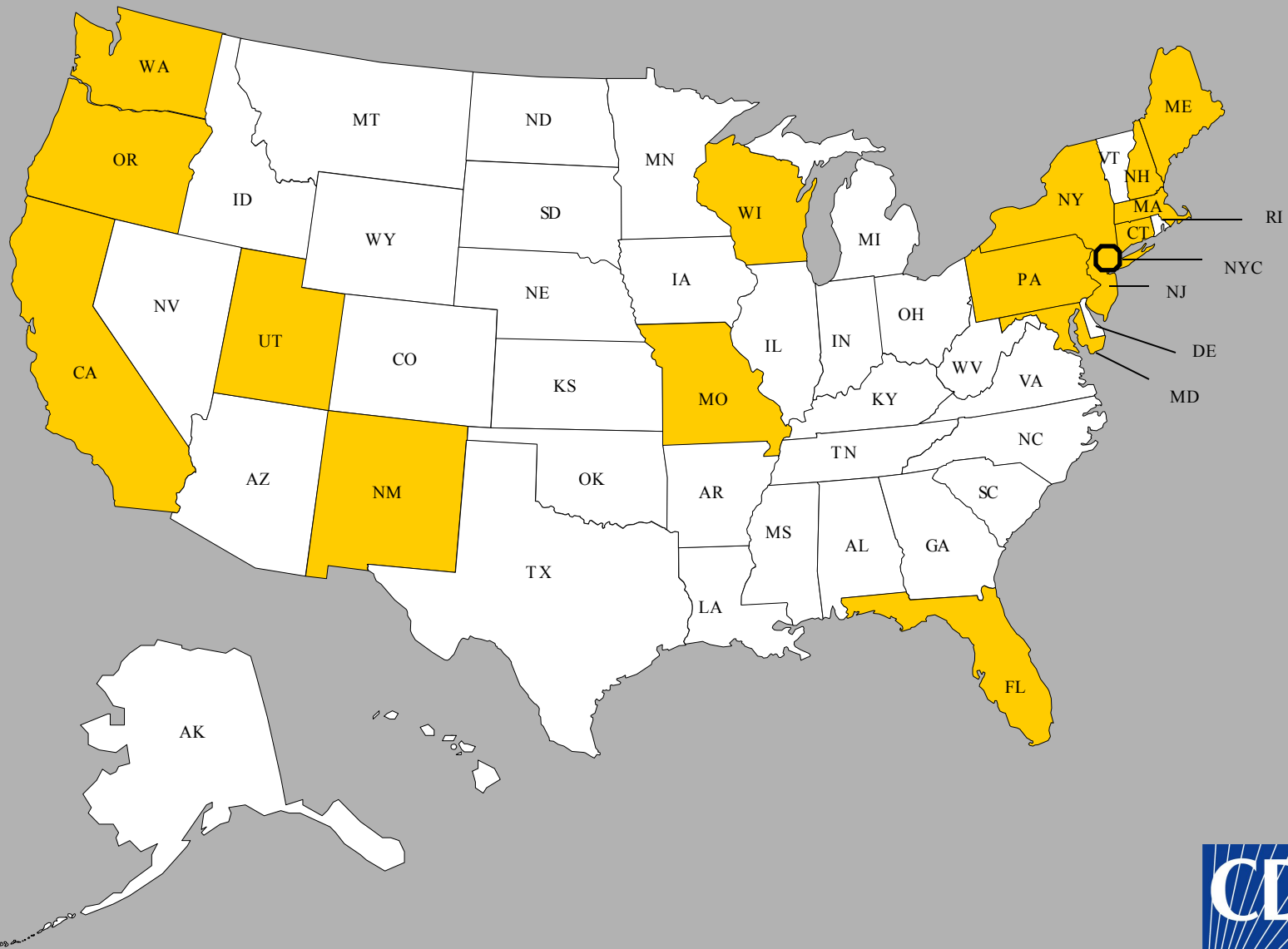
Objectives

- **Design the National EPHT Network requirements, standards, and tools**
- **Construct the Network**
- **Deploy the Network**
- **Update the Network design, functionality, and content**

Funded State/Local Programs Through Mid-2006



Tracking Network Implementation: Funded Programs, Late 2006



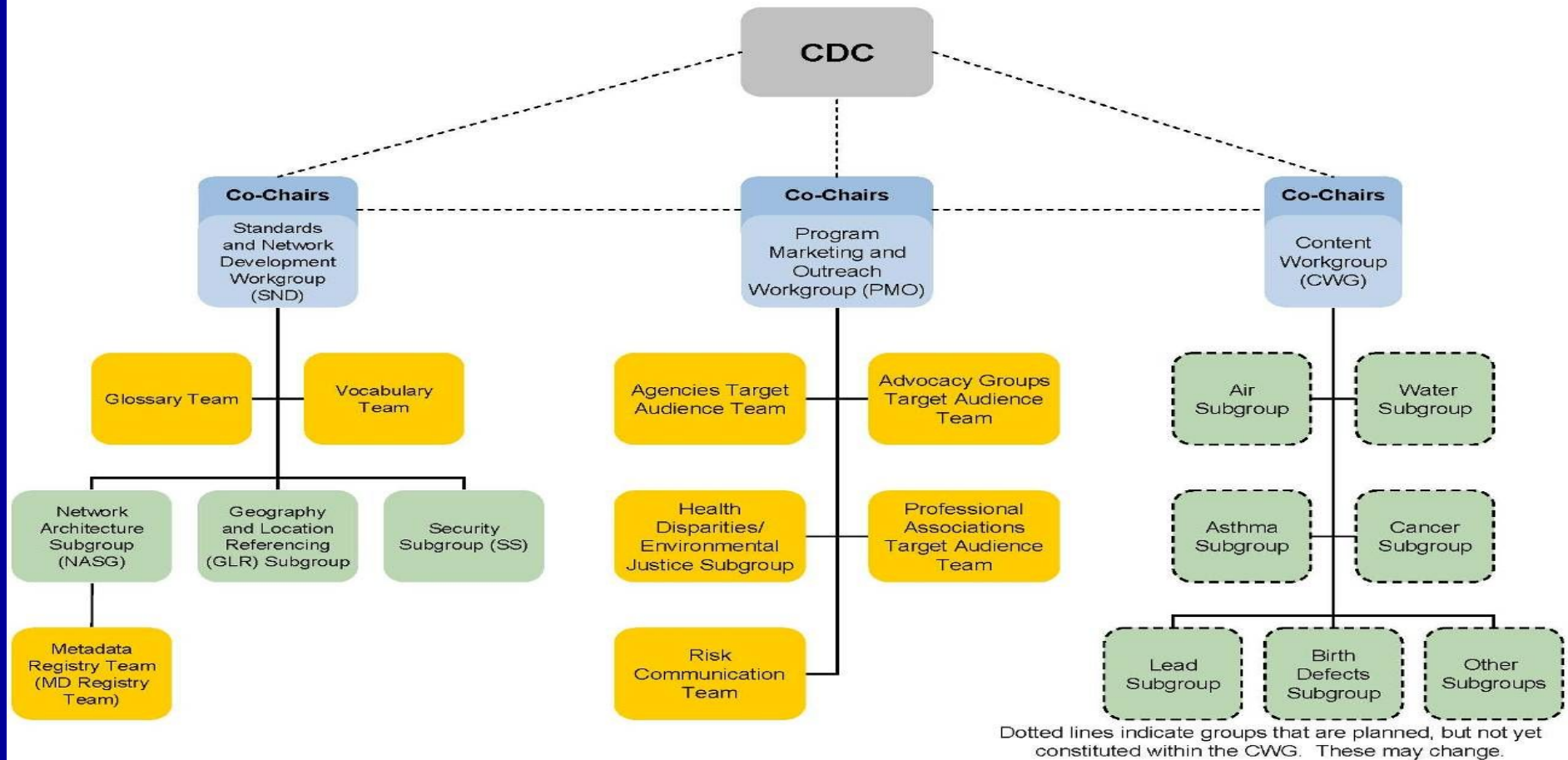
Part of CDC's Public Health Information Network

Early Event Detection
Outbreak Management
Disease Reporting & Monitoring
Secure Communications
Analysis & Interpretation
Information Dissemination & KM
PH Response



Federal Health
Architecture
NHII
Consolidated
Health Informatics

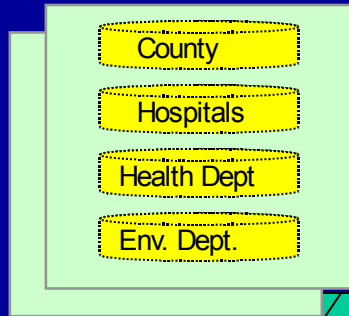
A Structure for Collaboration in Network Development



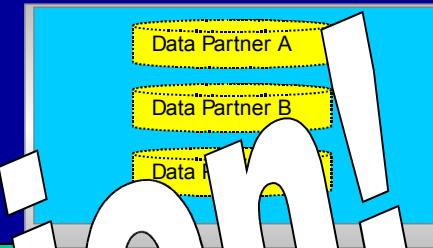
Functions of the Tracking Network

- **Compile and Provide Nationally Consistent Data and Measures**
- **Describe and Discover Data**
- **Exchange Data**
- **Provide Data Management, Analysis, and Display Tools**
- **Inform and Interact with the Public**

Grantee Networks



CDC EPHT Network



Grantee
Gateways

Translating
Network
Gateway

Collaboration!

Public



Authorized
Users
(Grantees,
Partners,
Others)

Stakeholder
Network
Interfaces

EPA

NASA

Academia

Other

Stakeholder Network
Data Assets



Implementation Planning

- CDC's EPHT Program Strategic Plan
- State/Local Network Implementation Plans
- CDC's National EPHT Network Implementation Plan (NNIP)
 - Check your conference bag!

What is a NNIP Anyway?

- Clarifies the vision, purpose, and functions of the National EPHT Network and outlines specific steps for implementation
- Describes:
 - Need
 - How the Tracking Network is Accessed
 - Services Provided
 - Content
 - Activities

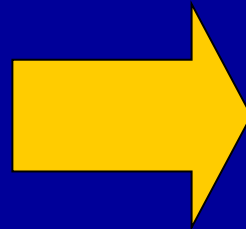
NNIP Development/Evolution

Sources

- SND Workgroup Principles
- EPHT Network Vision Document
- Broad stakeholder input

Evolution

- Grantee Interviews
- Alpha Version
- Beta Version
- Version 1.0



On Deck

Technical
National Network
Implementation
Plan



Department of Health and Human Services
 Centers for Disease Control and Prevention

[CDC en Español](#)

Search: [Go](#)

- [Health & Safety Topics](#) | [Publications & Products](#) | [Data & Statistics](#) | [Conferences & Events](#)

Environmental Health

Environmental Hazards & Health Effects Program

Tracking Program

- [Tracking Home](#)
- [About the Program](#)
- [Communications Library](#)
- [Communicate with the Program](#)
- [Conferences & Meetings](#)
- [Data Resources](#)
- [EPHT Network](#)
- [Partnerships](#)
- [Policy & Legislation](#)
- [Program Contacts](#)
- [Publication Opportunities](#)
- [Related Programs](#)
- [Special Projects](#)

ENVIRONMENTAL HAZARDS & HEALTH EFFECTS

National Environmental Public Health Tracking Program

IN THE SPOTLIGHT



CDC's Strategy for the National Environmental Public Health Tracking Program [PDF, 2.2 Mb]

Defines the vision, mission, and five goals that set the direction of the EPHT Program



EPHT Partnerships

Find out what organizations and agencies are working with CDC to achieve EPHT Program goals ...[more](#)



HELIX: Atlanta

Learn about development and testing of EPHT-applicable methods in 5 metropolitan Atlanta counties ...[more](#)

- ☒ [Email this page](#)
- ☐ [Printer friendly version](#)

Quick Links

- [National Center for Environmental Health \(NCEH\)](#)

Key Resources

[Mini-Monograph in Environmental Health Perspectives](#)

Programs & Campaigns

[HELIX: Atlanta](#)

[CDC-Funded Tracking Projects](#)

For more information: www.cdc.gov/nceh/tracking

Contact us: EPHT@cdc.gov

Resources from tracking grantees and other organizations ...[more](#)

Communicate with the Program

Contact information, mailing lists ...[more](#)

[Download Adobe Reader](#)
(external link)

